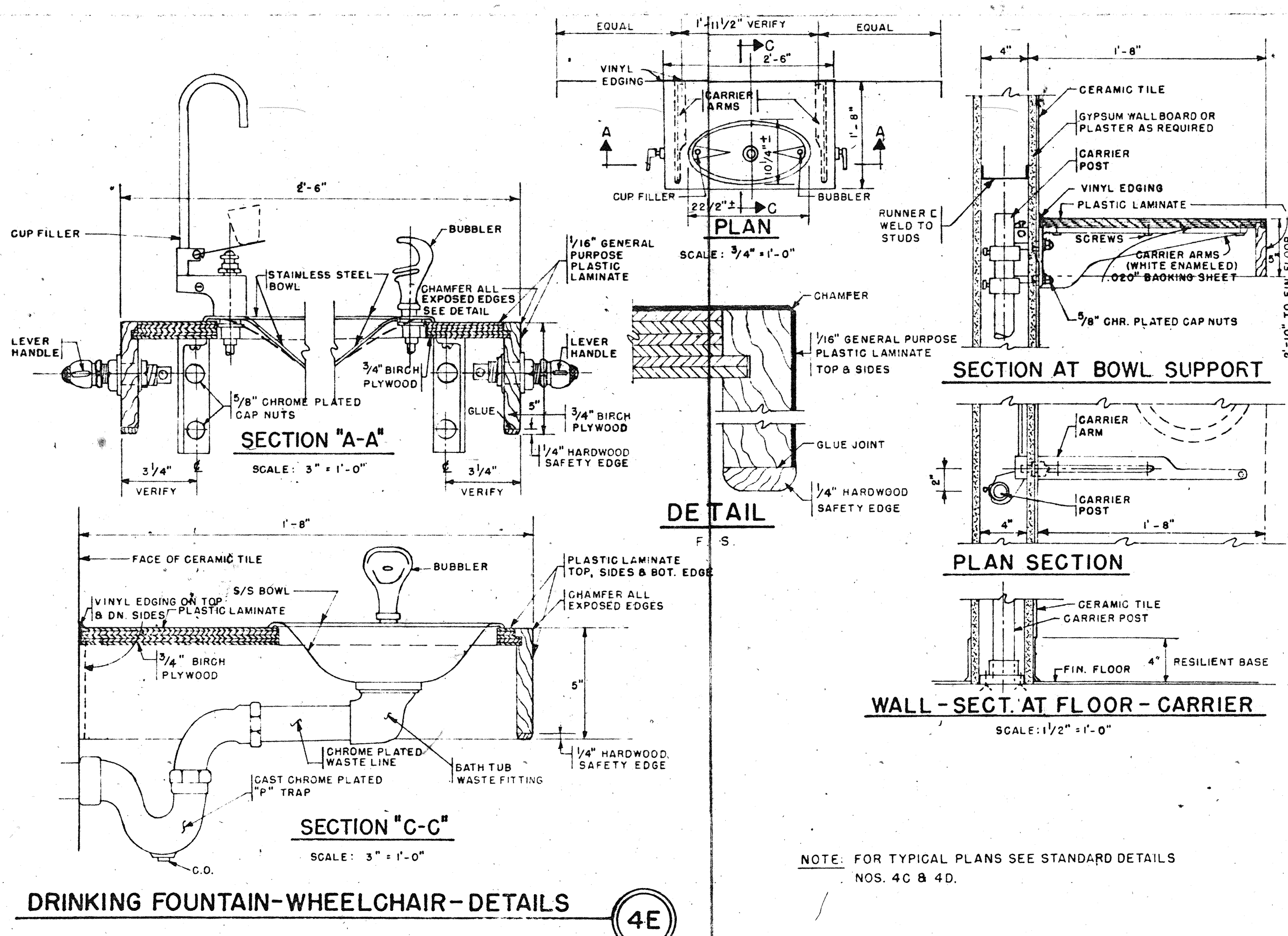
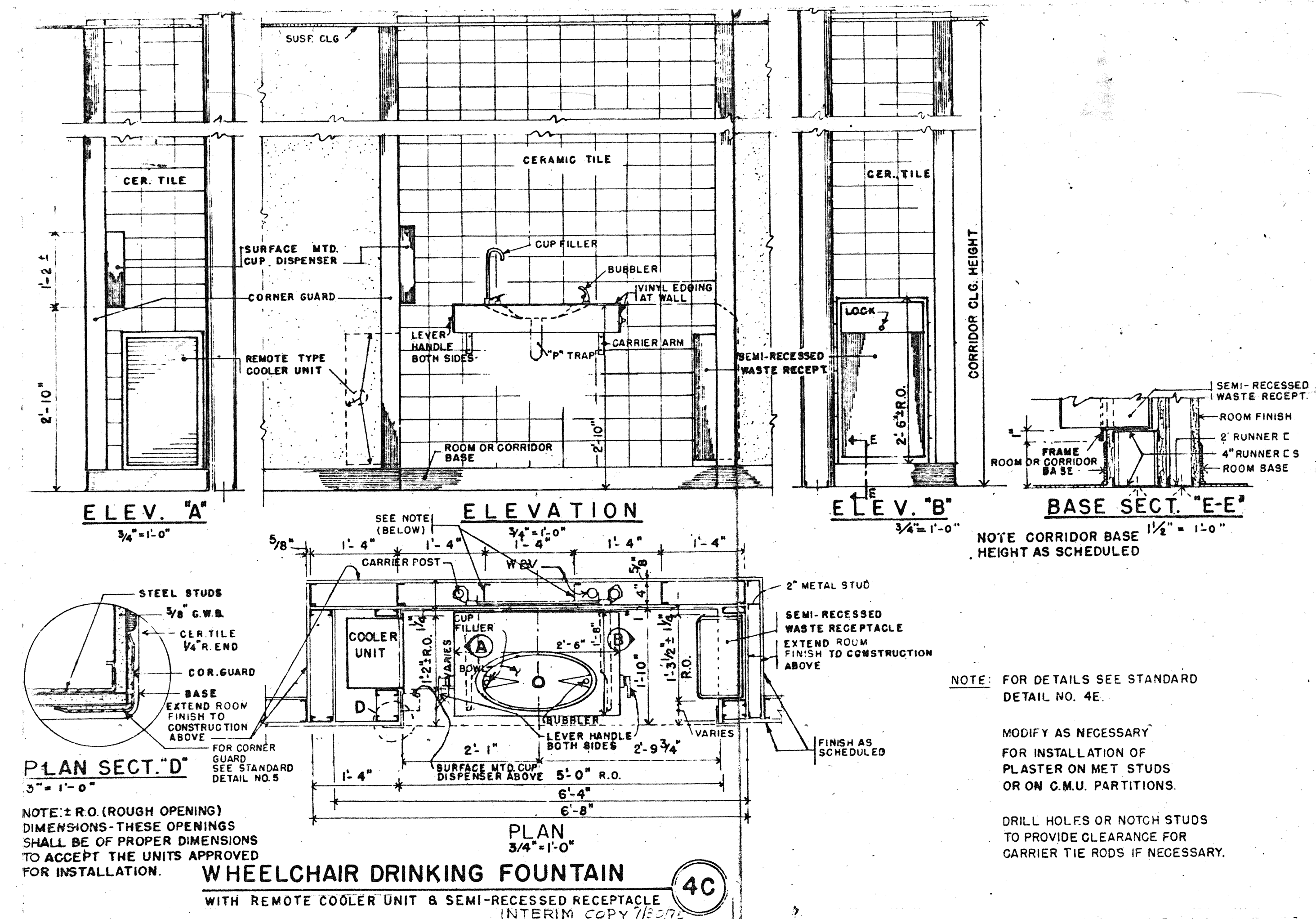


The following drawings are original construction drawings for Building 307. They are included in this set for the contractor's use in understanding the construction of Building 307 and reflect the construction intent at the time the Building was erected. Building was originally a free standing building attached to Building 300 (now demolished). Buildings 310, 315 and 340 were built adjacent to Building 307 in subsequent years. Various changes to Building 307 have taken place since the building was first erected and are not reflected in these drawings. It is the contractor's responsibility to familiarize themselves with the actual construction prior to submission of bid. See the demolition drawings for additional information.



2-9-1-1602

ACCOMPLISHED AS INDICATED HERE-  
ON.  
BY Charles Jay DATE 2/22/77

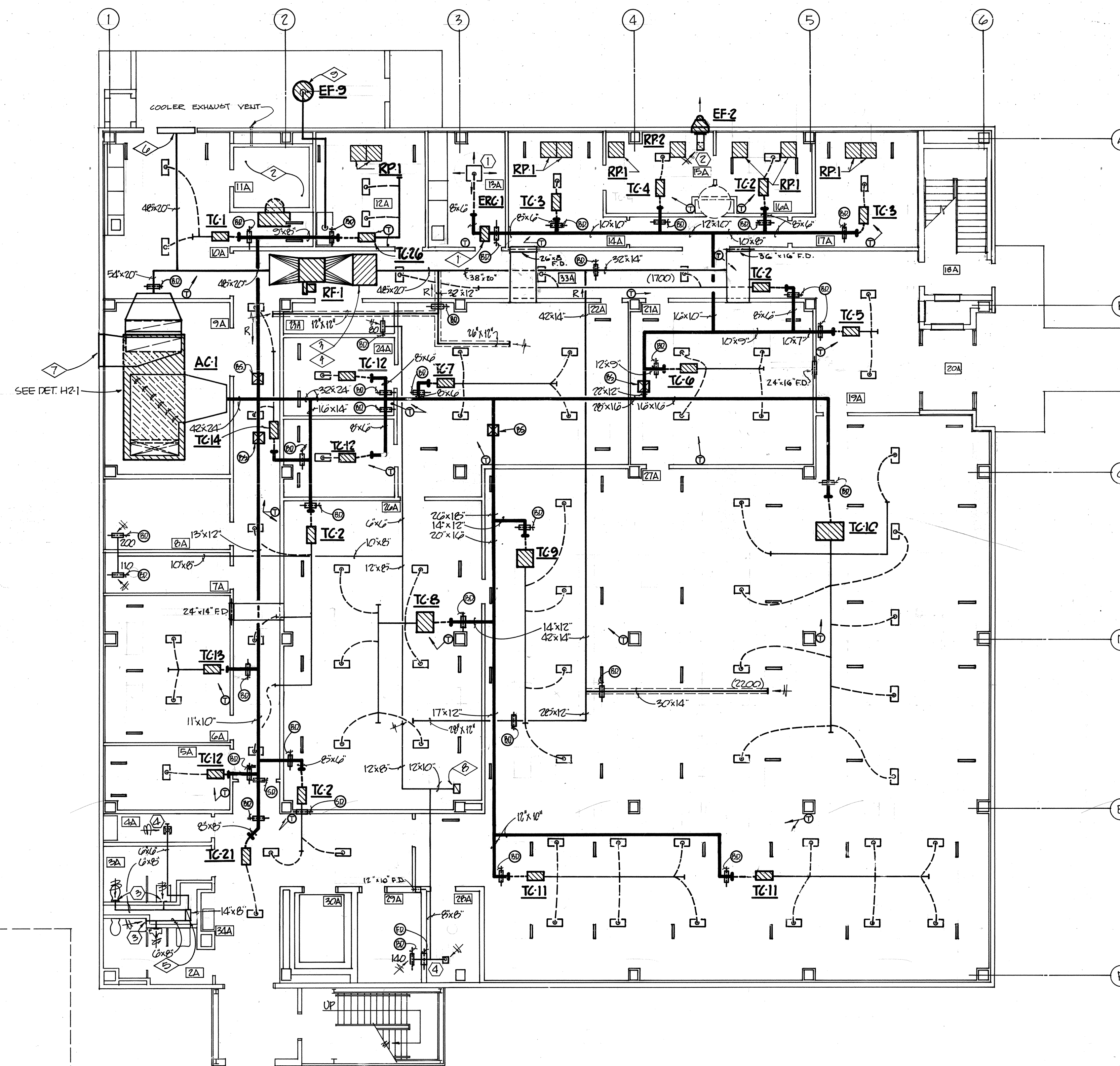
BLDG. # 307

EDUCATIONAL BUILDING FOR THE VETERANS ADMINISTRATION CENTER DAYTON OHIO		SHEET P-4 OF 4
DANIS INDUSTRIES CORPORATION 1801 E FIRST ST. DAYTON, OHIO		
DATE: JANUARY 2, 1976	DEALT	RECEIVED JAN 13 1976









**GROUND FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

**GENERAL NOTES**

1. THE DISCHARGE DUCTS FROM TERMINAL AIR CONTROL UNITS SHALL BE RUN FULL SIZE THE ENTIRE LENGTH. DUCT MAY BE RUN IN ROUND, OROUNDO OR EQUIVALENT AREA IN SQUARE WITH SIZE DETERMINED BY DISCHARGE CONNECTION SIZE.
2. WHERE TERMINAL AIR CONTROL UNITS ARE SERVED BY MULTIPLE SATELLITE TERMINAL UNITS, AIR QUANTITY SHALL BE EQUALLY DIVIDED AMONG ALL UNITS UNLESS SHOWN OTHERWISE.
3. BALANCING DAMPERS FOR TERMINAL AIR CONTROL UNITS SHALL BE INSTALLED A MINIMUM 4'-0" UPSTREAM FROM THE CONTROL UNIT INLET.
4. DUCTWORK FROM THE AIR HANDLING UNITS TO THE TERMINAL AIR CONTROL UNITS SHALL BE CLASSIFIED AS LOW PRESSURE IN ACCORDANCE WITH SMACNA STANDARDS.

**WALK-IN COOLER DATA:**

SIZE: WIDTH	7'-0"
LENGTH	5'-0"
HEIGHT	7'-0"
INTERNAL CAPACITY	295 CU. FT.
FLOOR AREA	75 SQ. FT.
DOOR OPENING	2'-10" x 6'-0"
REFRIGERANT SYSTEM	SEE SPECIFICATIONS
CAPACITY	SEE SPECIFICATIONS
POWER	206 VOLT - 3ø

**DUCT SILENCER DATA:**

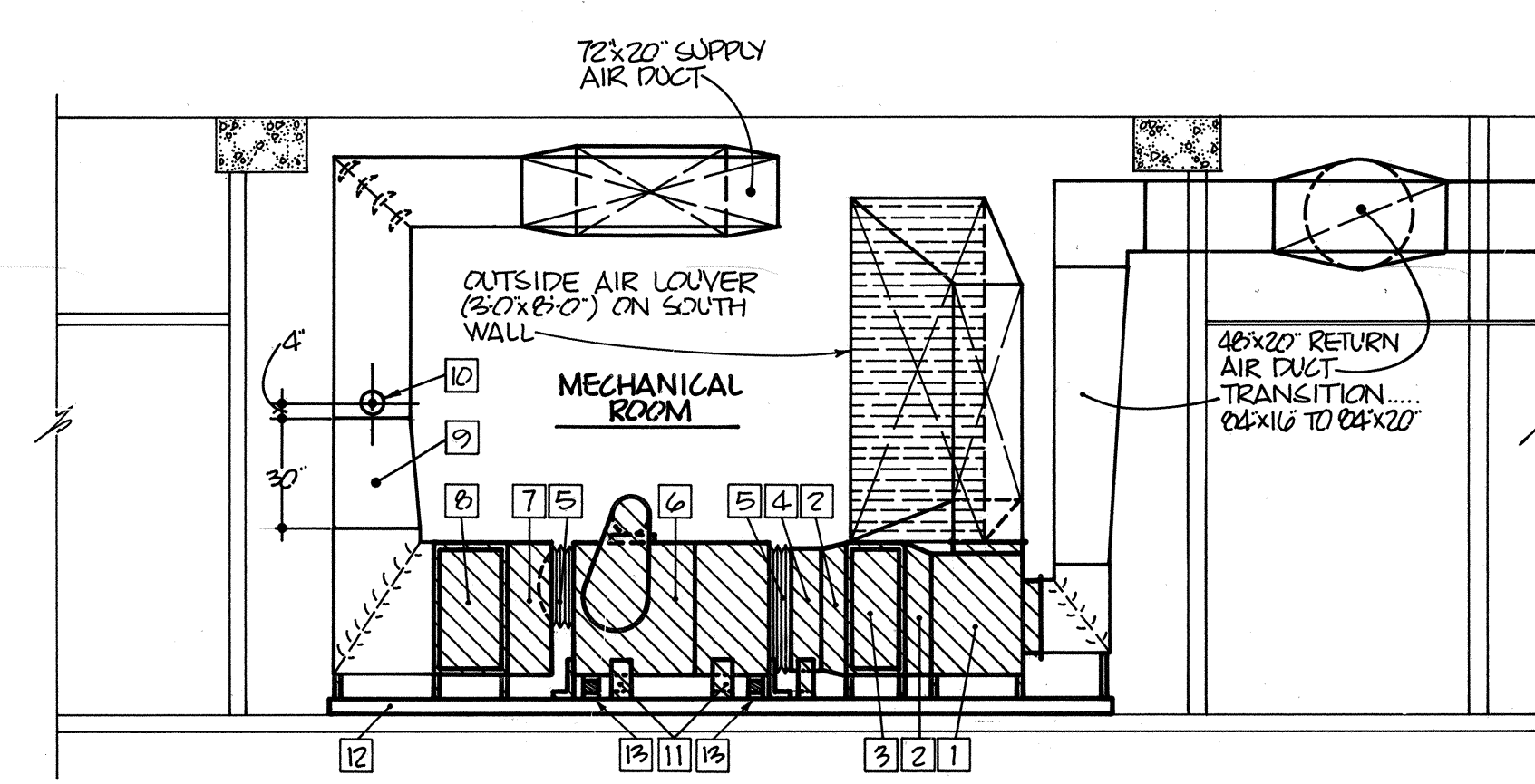
NOMINAL C.F.M.	8000
SIZE: WIDTH	4'-0"
LENGTH	3'-0"
HEIGHT	2'-0"
MAXIMUM A.P.	2.05 W.G. @ RATED C.F.M.
PERFORMANCE	
FREQUENCY	D.L.L. ① S.N. ②
500 HZ	15 db 20 db
1000 HZ	25 db 45 db
2000 HZ	19 db 40 db
① RE 10" WATTS	
② RE 1220" MIN. FACE VELOCITY, REV. FLOW	

**RADIANT CEILING PANEL DATA:**

TYPE	T-PAR
SIZE	24" x 24" NOMINAL
WATTAGE	
RP1	250
RP2	575

- NOTES**
1. TERMINAL REHEAT COIL IN 8"x6" SUPPLY DUCT. COIL TO BE ELECTRIC WITH CAPACITY OF 1.6 KW. COIL OUTPUT TO BE REGULATED BY ROOM THERMOSTAT THRU AN SCR.
  2. WALK-IN COOLER... SEE DATA THIS SHEET AND SPECIFICATIONS.
  3. DUCT SILENCER... SEE DATA THIS SHEET AND SPECIFICATIONS.
  4. CONTRACTOR SHALL TRANSITION FROM DUCT SILENCER TO 48"x20" IN 24" LENGTH.
  5. FIRE DAMPER IN 14"x7" EXHAUST DUCT RISER AT FLOOR PENETRATION... PROVIDE ACCESS PANEL AS REQUIRED.
  6. TIE 48"x20" RELIEF AIR DUCT INTO WALL LOUVER. LOUVER BY OTHERS.
  7. WALL LOUVER BY OTHERS... SEE DETAIL H-2.1.
  8. RISE WITH 10"x12" EXHAUST DUCT TO ROOF MOUNTED FAN, EF-7.
  9. FAN ON CANOPY TO SERVE FUME HOOD IN ROOM 12A. RUN 10" EXHAUST DUCT FROM HOOD TO FAN ON ROOF, EF-9.

The following drawings are original construction drawings for Building 307. They are included in this set for the contractor's use in understanding the construction of Building 307 and reflect the construction intent at the time the Building was erected. Building was originally a free standing building attached to Building 300 (now demolished). Buildings 310, 315 and 340 were built adjacent to Building 307 in subsequent years. Various changes to Building 307 have taken place since the building was first erected and are not reflected in these drawings. It is the contractor's responsibility to familiarize themselves with the actual construction prior to submission of bid. See the demolition drawings for additional information.

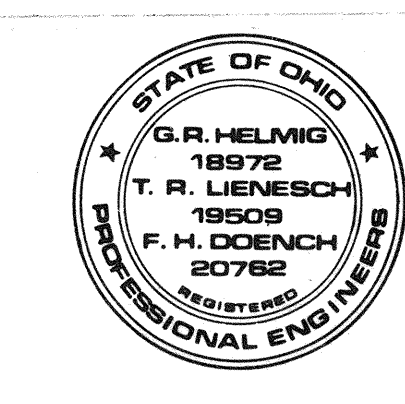


**AC-1 ELEVATION  
DETAIL H-2.1**  
SCALE: 1/4" = 1'-0"

NOTE:  
FIELD ASSEMBLED CASING SECTIONS TO BE INTERNALLY LINED WITH 1" MATTE FACED GLASS FIBER INSULATION - PINNED ON 12" CENTERS AND APPLIED WITH 100% ADHESIVE COVERAGE.

- NOMENCLATURE: AC-1**
- 1 MIXING BOX
  - 2 TRANSITION SECTION
  - 3 PRE-FILTER... SEE SCHEDULE MARK... FF-1
  - 4 HEATING COIL SECTION  
SIZE: APPROX. 30"x33"  
CAPACITY: 1600 B.H. @ 10 GPM. @ 200° ENT.
  - 5 FLEXIBLE CONNECTION
  - 6 FAN COIL SECTION  
TYPE: MEDIUM PRESS. HORIZONTAL DRAW-THRU  
COIL DATA  
TYPE: DX  
FACE AREA: 14.5 # MINIMUM  
CAPACITY: 557 FINAL D.B. @ 02.7617° EAT. 4.46% S.T.  
FAN DATA  
TYPE: FC (2)  
SIZE: 19.5  
CAPACITY: 2900 CFM. @ 4" T.S.P.  
MOTOR: 1/2 HP
  - 7 12" TRANSITION-DIFFUSER SECTION
  - 8 AFTER FILTER... SEE SCHEDULE MARK... AF-1
  - 9 TRANSITION SECTION... 96"x24" TO 72"x20"
  - 10 HUMIDIFIER  
CAPACITY: 105 LB/Hr. @ 30 PSIG. STEAM
  - 11 SEISMIC RESTRAINT UNITS (TYPICAL)  
8"x24"x2" STRUCTURAL ANGLE BOLTED TO PAD. MAINTAIN AIR GAP ON ALL ISOLATED EQUIPMENT.
  - 12 4" CONCRETE PAD BY HEATING CONTRACTOR.
  - 13 VIBRATION ISOLATOR... SEE SCHEDULE

I CERTIFY THAT ALL CONSTRUCTION REQUIRED ON THIS SHEET HAS BEEN ACCOMPLISHED AS INDICATED HEREON.  
BY: *[Signature]* DATE: 2/22/71



HELMIG, LIENESCH, DORRICH & ASSOCIATES  
CONSULTING ENGINEERS

BLDG # 307

GROUND FLOOR PLAN	
EDUCATIONAL BUILDING FOR THE VETERAN'S ADMINISTRATION CENTER DAYTON, OHIO	
DANIS INDUSTRIES CORPORATION 18-01 E. FIRST ST. DAYTON, OHIO	SHEET H-2 OF 6
DATE: AUGUST 21, 1975 DRAWN BY: JFC CHECKED BY: TEL	552-079
REVISED: 1-2-76, 1-9-76, 3-15-76, 6-30-76, 7-6-76, 8-10-76, 9-28-76	

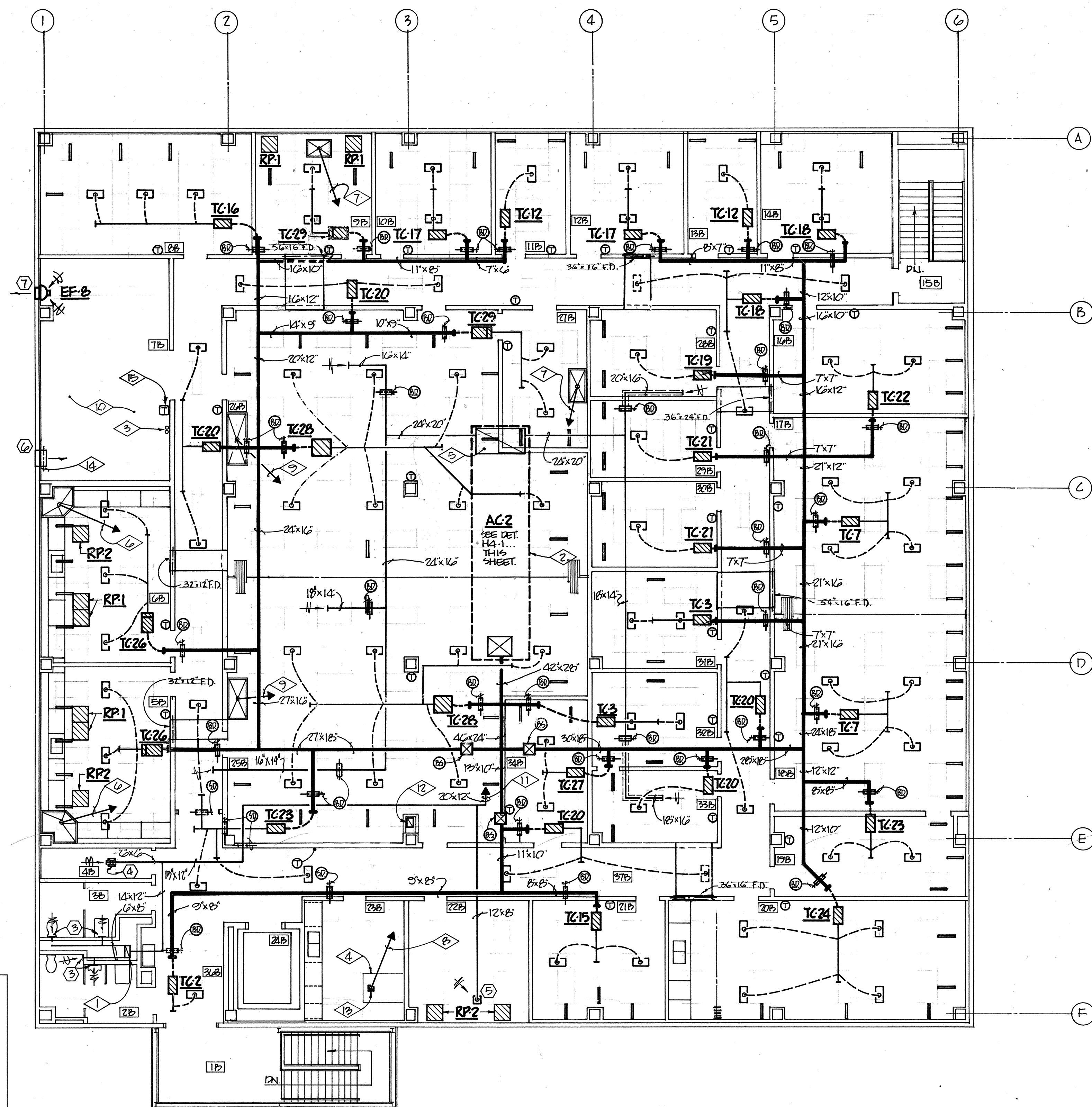
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FILE FOLDER NO. 48









# FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"



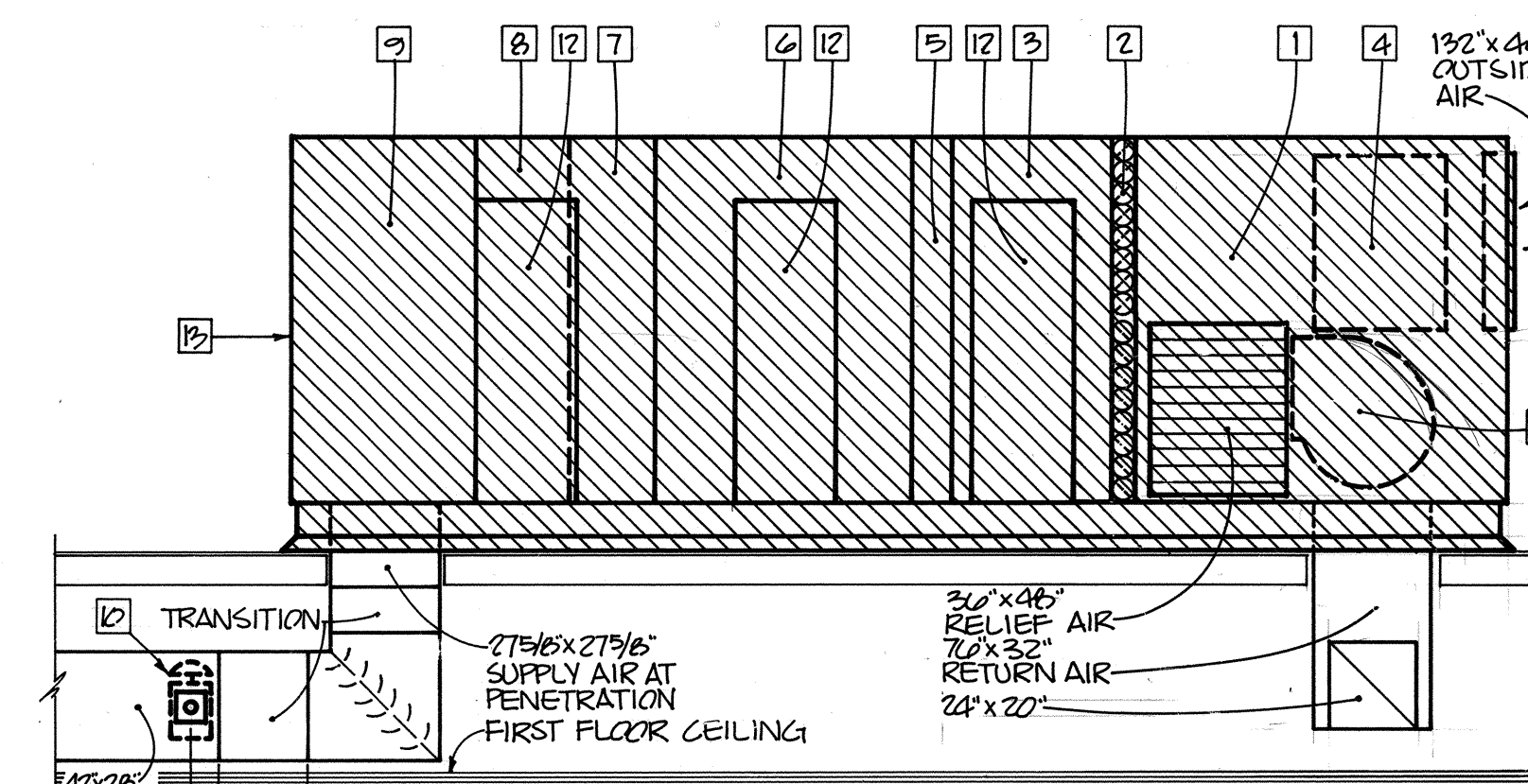
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## NOTES

- CHANGE EXHAUST RISER FROM 14"x5" TO 14"x12" AT POINT OF TIE-IN WITH 18" FLOOR RUNOUT.
- SEE ROOF PLAN... SHEET H-5.
- DROP REFRIGERANT PIPING FROM CONDENSING UNIT, CU-1, ON ROOF TO DX COIL FOR AIR CONDITIONING UNIT AC-1, IN GROUND FLOOR MECHANICAL ROOM, #3A.
- CONNECT STERILIZER EXHAUST DUCT TO INTEGRAL 12"x12" EXHAUST CONNECTION ON UNIT. (UNIT N.T.C.)
- TIE 24"x20" RETURN AIR DUCTS INTO A 72"x32" RETURN FAN PLENUM. PLENUM TO EXTEND DOWN MINIMUM 24" FROM UNDERSIDE OF DECK.
- RUN 9" EXHAUST DUCT AS HIGH AS POSSIBLE TO EXHAUST FAN, EF-3, ON ROOF... RISE TO CEILING WITH 9".
- RUN 10" EXHAUST DUCT AS HIGH AS POSSIBLE TO EXHAUST FAN, EF-4, ON ROOF... RISE TO CEILING WITH 9".
- RUN 9" EXHAUST DUCT AS HIGH AS POSSIBLE TO EXHAUST FAN, EF-5, ON ROOF... RISE TO CEILING WITH 12"x12".
- RUN 12" EXHAUST DUCT AS HIGH AS POSSIBLE TO EXHAUST FAN, EF-6, ON ROOF... RISE TO CEILING WITH 12".
- SEE SHEET H-3 FOR LAYOUT OF THIS AREA.
- RUN 20"x12" EXHAUST DUCT AS HIGH AS POSSIBLE TO EXHAUST FAN, EF-1, ON ROOF.
- 10"x12" EXHAUST DUCT RISER FROM GROUND FLOOR CEILING PLENUM TO EF-7 ON ROOF.
- TRANSITION ABOVE CEILING TO 9".
- WALL MOUNTED MOTOR OPERATED SHUTTERS FOR 24"x24" OPENING.
- REVERSE ACTING WALL MOUNTED ELECTRIC THERMOSTAT TO OPERATE MECHANICAL ROOM EXHAUST FAN. WIRING BY ELECTRIC CONTRACTOR.

## NOMENCLATURE : AC-2

- RETURN AIR/INTAKE PLENUM SECTION
- MIXING DAMPERS
- PRE-FILTER SECTION... SEE SCHEDULE MARK... AF-2
- PRE-HEAT COIL SIZE... AS REQUIRED FOR 6,000 CFM. AND 70°F AT @ 95 GPM @ 200°F W.T.
- COIL TYPE... DX... MIN. 6 ROW FACE AREA... 21.55 MINIMUM... SEE FINAL DR @ 917/24.3° EAT @ LISTED C.F.M. & 44° S.S.T.
- FAN SECTION FAN DATA TYPE... BACKWARD INCLINED, NON-OVERLOAD SIZE... 11,400 CFM @ 4" T.S.P. MOTOR... 15 HP
- DIFFUSER SECTION WITH PERFORATED PLATE
- AFTER FILTER... SEE SCHEDULE MARK... AF-2
- SUPPLY SECTION
- HUMIDIFIER... HU-2... 255 LBS/HR @ 30 PSIG STEAM UNIT TO BE LOCATED IN HORIZONTAL RUN OF SUPPLY DUCTWORK ABOVE FIRST FLOOR CEILING... SEE PLAN SHEET H-3.
- RETURN FAN TYPE... FORWARD CURVED-DWID SIZE... 24" CAPACITY... 4,000 CFM @ 3/8" T.S.P. MOTOR... 3 HP
- ACCESS DOORS... 21" x 80"
- PENTHOUSE ENCLOSURE AND INLET HOOD... ALL INTERIOR SURFACES INSULATED WITH 1/2" THICKNESS OF 15# DENSITY FIBER GLASS.
- PERIMETER CURBS... MINIMUM 15" HIGH



## AC-2 ELEVATION DETAIL H4.1

SCALE: 1/4" = 1'-0"

2-9-1-1606

I CERTIFY THAT ALL CONSTRUCTION REQUIRED ON THIS SHEET HAS BEEN ACCOMPLISHED AS INDICATED HEREON.  
BY: *Charles J. J...* DATE: 2/27/77



HELMIG, LIENESCH, DOENCH & ASSOCIATES  
CONSULTING ENGINEERS

FILE FOLDER NO. 48

FIRST FLOOR PLAN		SHEET H-4 OF 6
EDUCATIONAL BUILDING FOR THE VETERANS ADMINISTRATION CENTER DAYTON, OHIO		
DANIS INDUSTRIES CORPORATION 1801 E. FIRST ST. DAYTON, OHIO		6 552-079
DATE: AUGUST 21, 1975 DRAWN BY: JEC CHECKED BY: JEC		
REVISED: 1-2-76, 1-9-76, 3-15-76, 7-6-76, 9-28-76		

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## EQUIPMENT DATA

### AIR COOLED CONDENSING UNITS

CONDENSING UNIT# ..... CU-1  
SERVING ..... AC-1 DX COIL  
CAPACITY ..... 270 M.B.H. @ 40° S.S.T.  
NO. OF COMPRESSORS ..... 1  
CAPACITIVE STEPS (%) ..... 100-60-33  
STARTER ..... P/N  
ELECTRIC DATA  
KW INPUT ..... COMPRESSOR MOTOR 3/4 KW  
CONDENSOR MOTOR\*\* 1 KW (4 REQ'D)

CONDENSING UNIT# ..... CU-2  
SERVING ..... AC-2, DX COIL  
CAPACITY ..... 340 M.B.H. @ 40° S.S.T.  
NO. OF COMPRESSORS ..... 2  
CAPACITIVE STEPS (%) ..... 100-85-50-33  
STARTER ..... P/N  
ELECTRIC DATA  
KW INPUT ..... COMPRESSOR MOTOR 7/2 KW  
CONDENSOR MOTOR\*\* 1.5 KW (4 REQ'D)

\* AT 95° AMBIENT AND 40° F. S.S. TEMPERATURE  
\*\* FOR EACH MOTOR

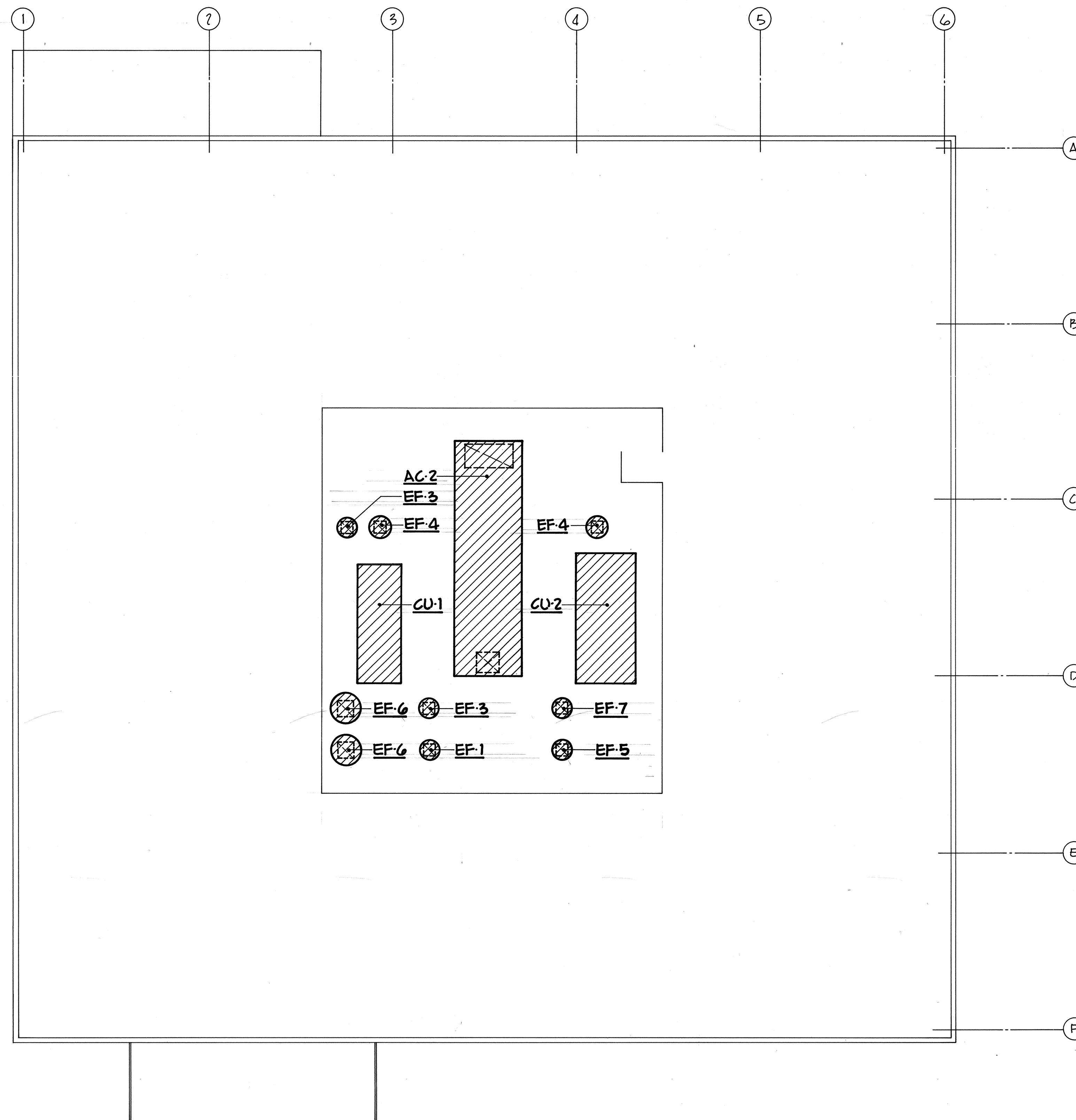
NOTE: CURRENT IS 208V/3Ø. MOTORS SHALL BE DESIGNED FOR EITHER 200V. OR 208V. WITH NORMAL VOLTAGE TOLERANCE ALLOWED.

### AIR CONDITIONING UNIT

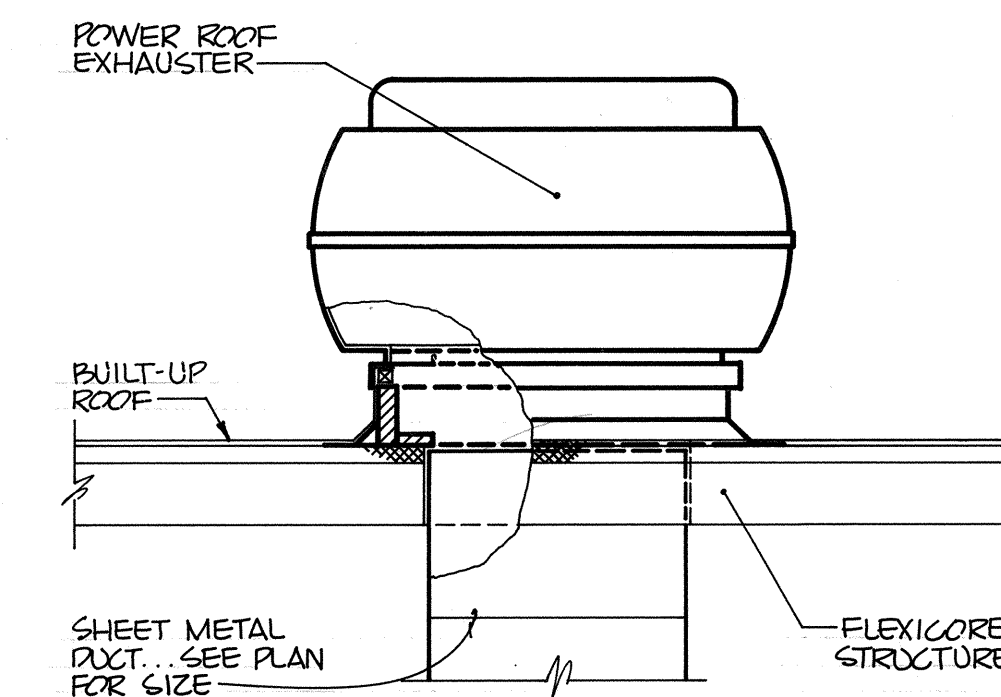
SEE DETAIL H2-1 FOR DATA ON AC-1.  
SEE DETAIL H4-1 FOR DATA ON AC-2.

### EXHAUST FANS

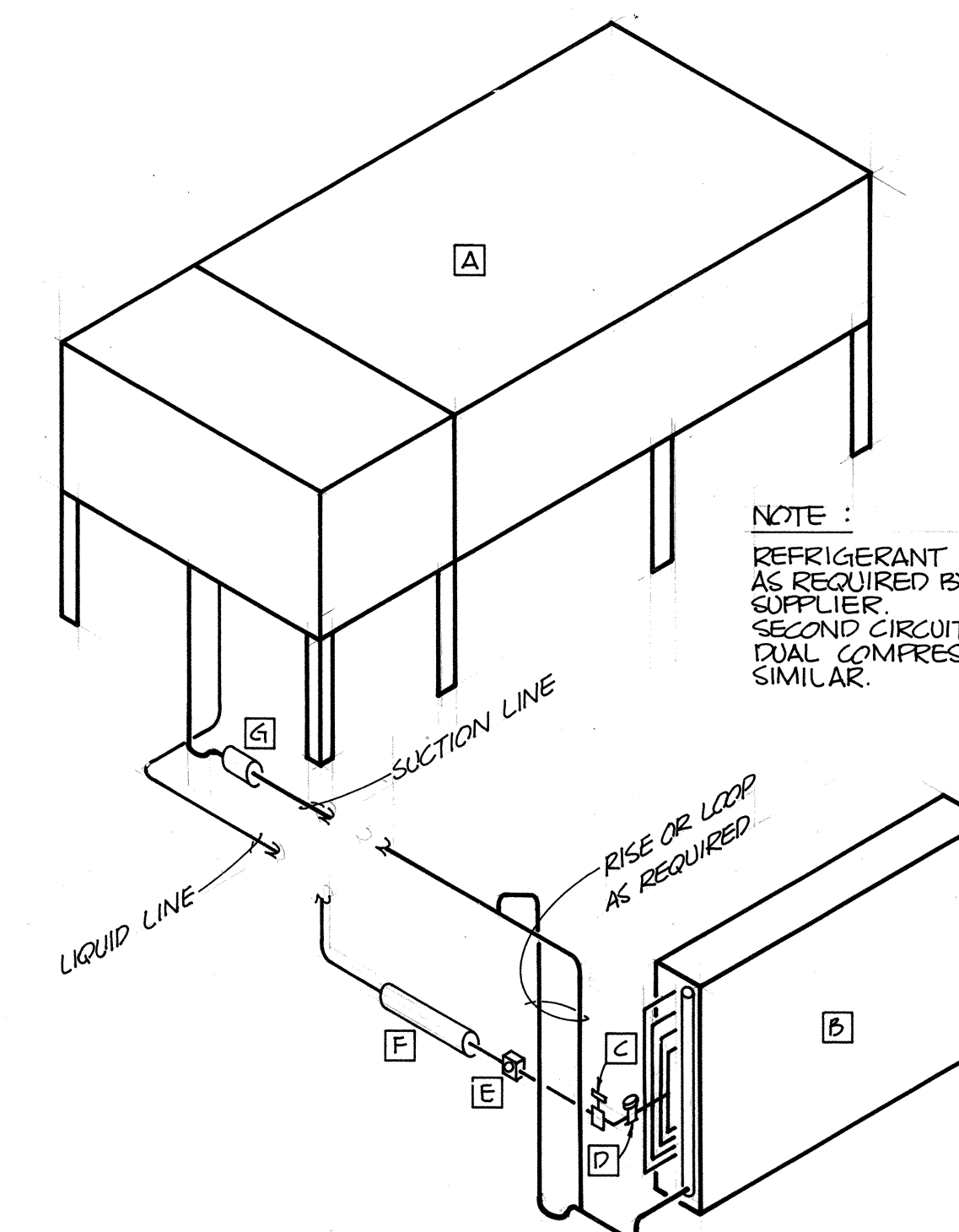
SEE SCHEDULE SHEET H-6 FOR FAN DATA.



**ROOF PLAN**  
SCALE: 1/8"=1'-0"



**TYPICAL ROOF CURB INSTALLATION**  
**DETAIL H5-1**  
NO SCALE



**REFRIGERANT PIPING**  
NO SCALE

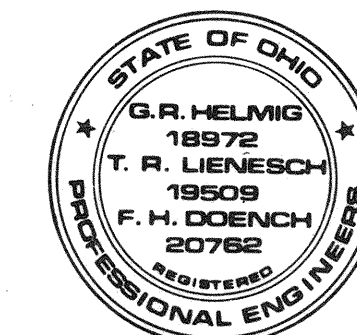
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### NOMENCLATURE

- [A] CONDENSING UNIT (2)  
ROOF MOUNTED... SEE PLAN THIS SHEET.
- [B] EVAPORATOR... AC-1 & AC-2
- [C] LIQUID LINE... SCLENOID VALVE
- [D] THERMOSTATIC EXPANSION VALVE AND LIQUID DISTRIBUTOR  
FURNISHED WITH COIL
- [E] SIGHT GLASS / MOISTURE INDICATOR
- [F] FILTER - DRIER
- [G] VIBRATION ISOLATOR

2-9-1-1607

I CERTIFY THAT ALL CONSTRUCTION  
REQUIRED ON THIS SHEET HAS BEEN  
ACCOMPLISHED AS INDICATED HERE-  
ON.  
BY: *Paul E. J...* DATE: 2/22/77



HELMIG-LIENESCH-DOENCH & ASSOCIATES  
CONSULTING ENGINEERS

FILE FOLDER NO. 4B

ROOF PLAN			SHEET H-5 OF 6
EDUCATIONAL BUILDING FOR THE VETERAN'S ADMINISTRATION CENTER DAYTON, OHIO			
DANIS INDUSTRIES CORPORATION 1801 E. FIRST ST. DAYTON, OHIO			6
DATE: AUGUST 21, 1975			
DRAWN BY: J.E.C.		CHECKED BY: F.E.L.	552079
REVISED: 1-2-76, 1-3-76, 2-15-76			

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HOT WATER UNIT HEATER SCHEDULE										DESIGN CONDITIONS	
										ENT. WATER..... 200°	
										ENT. AIR..... 65°	
										ELEC..... 115V/1Ø	
SYMBOL	TYPE	FAN			FINAL AIR TEMP	MBH	GPM	PIPE SIZE	MOUNT HEIGHT TO FLOOR	SEE DETAIL	NOTES
		CFM	RPM	HP							
UH-1	HORIZONTAL PROPELLER	1,100	1,550	1/2	—	32	2	3/4"	8'-0"		7'-0" TO BOTTOM
UH-2	HORIZONTAL PROPELLER	500	1,550	1/2	—	20	2	3/4"	PLENUM		

HOT WATER CABINET HEATER SCHEDULE										DESIGN CONDITIONS			
										ENT. WATER..... 200° ENT. AIR..... 65° ELEC..... 115V/1Ø			
SYMBOL	CFM	RPM	TOTAL MBH	GPM	FINAL AIR TEMP	PIPE SIZE	CABINET					NOTES	
							SIZE			RECESS DEPTH	TYPE		MTG. HT. FLOOR TO BOTTOM
							L	H	D				
CH-1	400	1050	15	1.5	95°	¾"	31	26	9"	FULL	VERTICAL	4±	WALL MOUNTED ①
CH-4	500	1050	25	2.5	101°	¾"	45	25	9"	FULL	VERTICAL	4±	WALL MOUNTED ①
				</									

①...CH-2 & CH-3 DELETED AS A RESULT OF CHANGES INVOLVED WITH PROCEED ORDER #1.

HOT WATER CONVECTOR SCHEDULE										DESIGN CONDITIONS					
										AVG. WATER TEMP. .... 190°					
										WATER TEMP. DROP. .... 20°					
										ROOM AIR TEMP. .... 65°					
SYMBOL	TOTAL MBH	GPM	PIPE SIZE	CONTROL		CABINET								NOTES	
				CONTROL VALVE	MANUAL DAMPER	SIZE			RECESS DEPTH	WALL HUNG	FLOOR SET	FLAT TOP	SLOPE TOP		INLET GRILLE
				L	H	D									
C V-1	2.7	0.3	3/4"	●			26"	24"	4"	—	●			●	

HOT WATER FIN TUBE SCHEDULE										DESIGN CONDITIONS	
										AVG. WATER TEMP. ....	190°
										WATER FLOW RATE... 3 FT./SEC.	
										ROOM AIR TEMP.....	65°
										* DESIGN CONDITION RATING	
SYMBOL	ENCLOSURE DATA				ELEMENT DATA					FLOW RATE	
	APPROX. LENGTH	BOTTOM TO FLOOR	TOP TO FLOOR	DEPTH	TUBE SIZE	FIN SIZE	TOTAL LENGTH	BTUH	ROWS		
FT-1	20 FT.	4"	14"	4"	1"	2" x 3 1/4"	(4) 1 FT.	3,200	1	0.5 GPM	
FT-2	18 FT.	4"	14"	4"	1"	2" x 3 1/4"	(4) 1 FT.	3,200	1	0.5 GPM	
FT-3	5 FT.	4"	14"	4"	1"	2" x 3 1/4"	①	2,000	1	0.5 GPM	
FT-4	7 FT.	4"	14"	4"	1"	2" x 3 1/4"	①	2,200	1	0.5 GPM	
FT-5	6 1/2 FT.	4"	14"	4"	1"	2" x 3 1/4"	①	1,800	1	0.3 GPM	
FT-6	7 1/2 FT.	4"	14"	4"	1"	2" x 3 1/4"	①	1,200	1	0.3 GPM	
FT-7	20 1/2 FT.	4"	14"	4"	1"	2" x 3 1/4"	①	4,800	1	0.7 GPM	
FT-8	19 FT.	4"	14"	4"	1"	2" x 3 1/4"	①	3,200	1	0.5 GPM	
FT-9	17 FT.	4"	14"	4"	1"	2" x 3 1/4"	①	2,800	1	0.5 GPM	
FT-10	1 1/2 FT.	4"	14"	4"	1"	2" x 3 1/4"	①	2,000	1	0.3 GPM	
FT-11	15 FT.	4"	14"	4"	1"	2" x 3 1/4"	①	2,800	1	0.5 GPM	
FT-12	20 FT.	4"	14"	4"	1"	2" x 3 1/4"	①	3,200	1	0.5 GPM	
FT-13	13 FT.	4"	14"	4"	1"	2" x 3 1/4"	(3) 1 FT.	2,400	1	0.5 GPM	
FT-14	20 1/2 FT.	4"	14"	4"	1"	2" x 3 1/4"	(4) 1 FT.	3,200	1	0.5 GPM	
FT-15	19 1/2 FT.	4"	14"	4"	1"	2" x 3 1/4"	①	3,200	1	0.5 GPM	
FT-16	19 1/2 FT.	4"	14"	4"	1"	2" x 3 1/4"	①	4,000	1	0.5 GPM	
FT-17	19 1/2 FT.	4"	14"	4"	1"	2" x 3 1/4"	①	2,800	1	0.5 GPM	
FT-18	19 1/2 FT.	4"	14"	4"	1"	2" x 3 1/4"	①	4,000	1	0.5 GPM	

① AS MARKED ON PLAN... IF NOT DIMENSIONED, ELEMENTS ARE 1'-0"

FAN SCHEDULE										DESIGN CONDITIONS	
										ENT. WATER..... 200°	
										ENT. AIR..... 65°	
										ELEC..... 115V/1Ø	
MARK	CFM	S.P. IN/EG	HP	RPM	STRUC. OP'G.	TYPE	MAX. NC (FAN)	SOUND DATA	WHEEL DATA	ELECTRIC DATA	DAMPER
							MAX. SONES (STD. CURB)		DIAMETER (IN)	AXIAL	DRIVE
									BACKWARD INCLINED	AIR VOLT. CONTROL	MISC.
RF-1	7,300	1/2	5	825	—	AXIAL FLOW-ARRGMT. 9					
EF-1	1,300	1/2	1/2	750	19/19	CENTRIF. ROOF EXHAUSTER	50	18	•	•	•
EF-2	180	1/4	1/20	1,050	10/10	CENTRIF. WALL EXHAUSTER	30	8	•	•	•
EF-3	350	3/4	1/2	1,095	13/13	CENTRIF. ROOF EXHAUSTER	75	14	•	•	•
EF-4	700	3/4	1/2	835	13/13	CENTRIF. ROOF EXHAUSTER	70	18	•	•	•
EF-5	380	3/4	1/2	985	13/13	CENTRIF. ROOF EXHAUSTER	72	14	•	•	•
EF-6	1,200	3/4	1/2	650	21/21	CENTRIF. ROOF EXHAUSTER	75	24	•	•	•
EF-7	630	1/2	1/2	985	13/13	CENTRIF. ROOF EXHAUSTER	65	14	•	•	•
EF-8	800	1/4	1/8	1600	14/14	PANEL PROR. FAN	50	13	•	•	•
EF-9	700	1/2	1/2	820	—	CENTRIFUGAL ROOF EXHAUSTER	15	•	•	•	•

① TOP DISCHARGE.  
② FURNISH WITH MOTOR SIDE SAFETY GUARD

AIR FILTER SCHEDULE							DESIGN CONDITIONS		
							*ASHRAE TEST METHOD (ATMOSPHERIC DUST)		
							① IN. W.G. @ 500/F.M. FACE VEL.		
SYMBOL	CFM	RESISTANCE ①		TYPE	MEDIA AREA PER SQ. FT. F.A.	EFF. %	SIZE	SERVING	NOTES
		INITIAL	FINAL						
PF-1	9,300	0.40	0.75	INTERCEPTION	5 SQ. FT.	30-35	8'-0" x 3'-0"	AC-1	① ②
PF-2	11,400	0.40	0.75	INTERCEPTION	5 SQ. FT.	30-35	6'-0" x 4'-0"	AC-2	①
AF-1	9,000	0.45	0.80	INTERCEPTION	5.5 SQ. FT.	80-85	8'-0" x 3'-0"	AC-1	① ②
AF-2		0.45	0.80	INTERCEPTION	5.5 SQ. FT.	80-85	6'-0" x 4'-0"	AC-2	①
				</					

① SIDE ACCESS HOUSING.  
② SEE AC UNIT DETAIL.

TERMINAL AIR CONTROL EQUIPMENT SCHEDULE										TERMINAL		
MARK	CFM RATING	CFM	INLET SIZE	REHEAT COIL	N.C.	S.P.	DIMENSIONS			SATELLITE INTEGRAL	BOTH	OTHER
							LENGTH	WIDTH	HEIGHT			
TC-1	400	200	8" DIA.	—	—	0.10	24"	12"	10 1/2"	●		
TC-2	200	150	6" DIA.	—	—	0.12	24"	12"	10 1/2"	●		
TC-3	200	200	6" DIA.	—	2.1	0.20	24"	12"	10 1/2"	●		
TC-4	200	120	6" DIA.	—	—	0.08	24"	12"	10 1/2"	●		
TC-5	400	250	8" DIA.	—	—	0.12	24"	12"	10 1/2"	●		
TC-6	800	440	10" DIA.	—	—	0.14	24"	12"	12 1/2"	●		
TC-7	800	640	10" DIA.	—	—	0.28	24"	12"	12 1/2"	●		
TC-8	1,200	1,000	12" ØROUND	—	3.7	0.24	24"	17"	12 1/2"	●		
TC-9	1,200	840	12" ØROUND	—	3.1	0.18	24"	17"	12 1/2"	●		
TC-10	2,400	1,700	20" ØROUND	—	2.0	0.14	24"	42"	12 1/2"	●		
TC-11	800	600	10" DIA.	—	2.6	0.24	24"	12"	12 1/2"	●		
TC-12	200	140	6" DIA.	—	—	0.11	24"	12"	10 1/2"	●		
TC-13	400	340	8" DIA.	—	—	0.23	24"	12"	10 1/2"	●		
TC-14	200	100	6" DIA.	—	—	0.05	24"	12"	10 1/2"	●		
TC-15	400	300	8" DIA.	—	—	0.16	24"	12"	10 1/2"	●		
TC-16	800	480	10" DIA.	—	—	0.15	24"	12"	12 1/2"	●		
TC-17	400	230	8" DIA.	—	—	0.11	24"	12"	10 1/2"	●		
TC-18	400	240	8" DIA.	—	—	0.12	24"	12"	10 1/2"	●		
TC-19	200	185	6" DIA.	—	—	0.18	24"	12"	10 1/2"	●		
TC-20	200	160	6" DIA.	—	—	0.15	24"	12"	10 1/2"	●		
TC-21	200	175	6" DIA.	—	—	0.16	24"	12"	10 1/2"	●		
TC-22	400	330	8" DIA.	—	—	0.20	24"	12"	10 1/2"	●		
TC-23	400	260	8" DIA.	—	—	0.13	24"	12"	10 1/2"	●		
TC-24	800	540	10" DIA.	—	—	0.20	24"	12"	12 1/2"	●		
TC-25	800	400	10" DIA.	—	—	0.11	24"	12"	12 1/2"	●		
TC-26	800	420	10" DIA.	ØM.B.H.	—	0.43	26"	12"	12 1/2"	●		
TC-27	400	220	8" DIA.	—	—	0.11	24"	12"	10 1/2"	●		
TC-28	1,600	1,200	14" ØROUND	ØM.B.H.	3.5	0.71	26"	28"	12 1/2"	●		
TC-29	800	400	10" DIA.	10 M.B.H.	—	0.41	26"	12"	12 1/2"	●		

NOTE: TERMINAL (DIFFUSER) UNITS ARE 2-WAY PATTERN FOR 2' X 2' CEILING GRID.  
①... NC LISTED FOR ACTUAL CFM DELIVERED... IF NOT LISTED, NC NOT TO EXCEED 33  
②... S.P. IS FOR INLET STATIC PRESSURE (N.W.S.) FOR CFM DELIVERED.  
③... CAPACITY BASED ON 140° ENTERING WATER AND 20° DROP.

AIR DEVICE SCHEDULE																	
SYMBOL	DEVICE SIZE	NECK SIZE	TYPE			CFM	MFR.		MODEL	DUTY		MTG. HT.	FINISH		MISC.		NOTES
			DIFFUSER	GRILLE	REGISTER		LOUVER	TITUS		TRANE	AIRLOUTE		SUPPLY	RETURN	EXHAUST	RELIEF	
①	24" x 24"	8"	●				●		TX5-3		●		●		●		①
2	10" x 10"		●				●		50-F		●						
3	10" x 6"		●				●		3-FL5		●		7'-0"				
4	8" x 8"		●				●		50-F5		●						
5	12" x 12"		●				●		50-F5		●						
6	24" x 24"		●				●		K 43B		●		6'-2"				
7	10" x 10"		●				●		K 43D		●		6'-0"				
8	24"		●				●		RSB-2		●						②